Chapter 8
Arginine & Glycine

Arginine

Essential / non-essential
Acidic / basic
- ve charged / + charged
Water soluble / water insoluble

Fucnction of Arginine

Arginine → [ ]

↓

From -



Blood vessel

If there is defect in endothelial cell of blood vessel

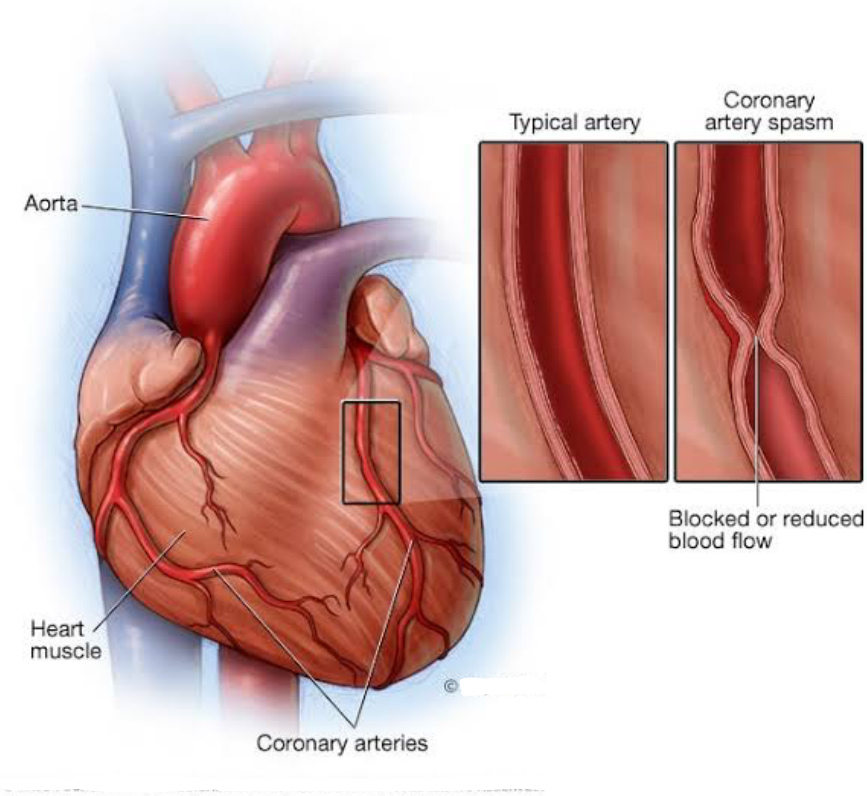
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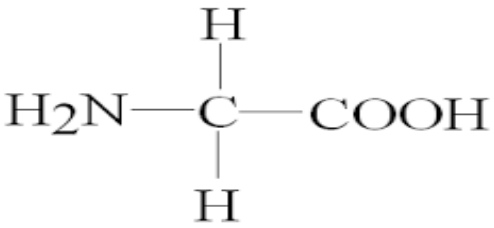
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Winter exposure



Glycine



- Essential / non-essential
- Optically - active / inactive
- Water soluble / water insoluble



Function of glycine

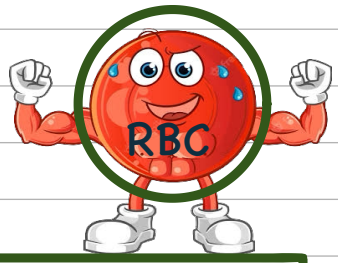
A) glutathione synthesis

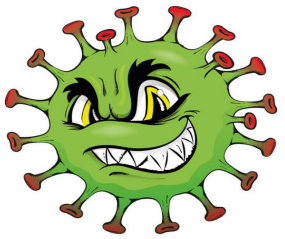
What is glutathione

Made up of –

Types

Uses of glutathione → 1.





Enz.

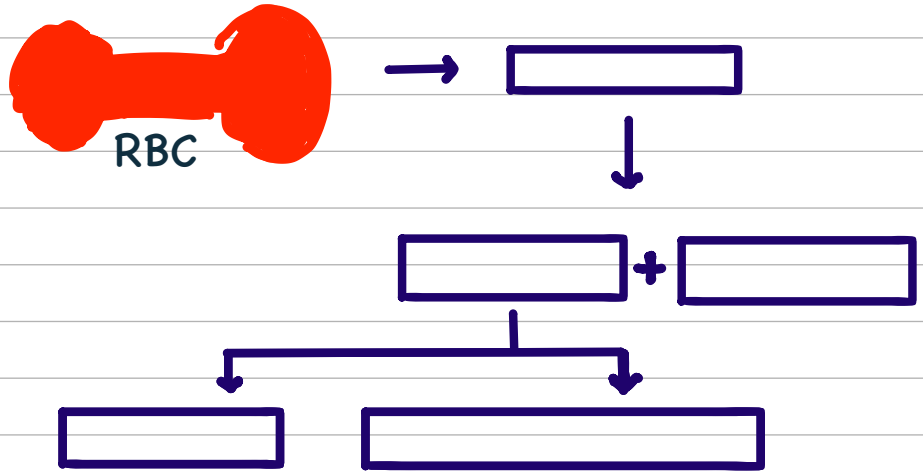
Enz.

Cofactor

Coenzyme



2.



3.



4.

5.

6.

summary

Match the following (multiple options can be selected)

a) serotonine
b) dopamine
c) epinephrin
d) melanin
e) melatonin
f) nitric oxide
g) niacine
h) thyroxine
i) creatinine
j) creatine

1) tyrosine
2) tryptophan
3) arginine
4) glycine

a……b……c……d……e……f……g……h……i……j……